

حمل الآن

مجاناً وحصرياً

المراجعة رقم (1)

اختبار شهر اكتوبر



Lesson 1

» Important Exploration Tools:

1 Rover C4:

- It's a developed metal detector and 3D ground scanner.
- It's used to search for metals and treasures underground.
- It creates 3D images of scanned areas to identify the location and depth of potential targets.



2 GPR: It uses the radar to detect objects buried underground.

3 Magnetometer: It measures the magnetic field and detects metals under the ground.

4 GPS: It uses satellites to find locations.



Lesson 2

» Computers: They're electronic devices that store, process, and restore data.

» Computers are important to write documents, create presentations, create videos, browse the Internet, and play games.

» Computers devices come in different sizes and shapes:

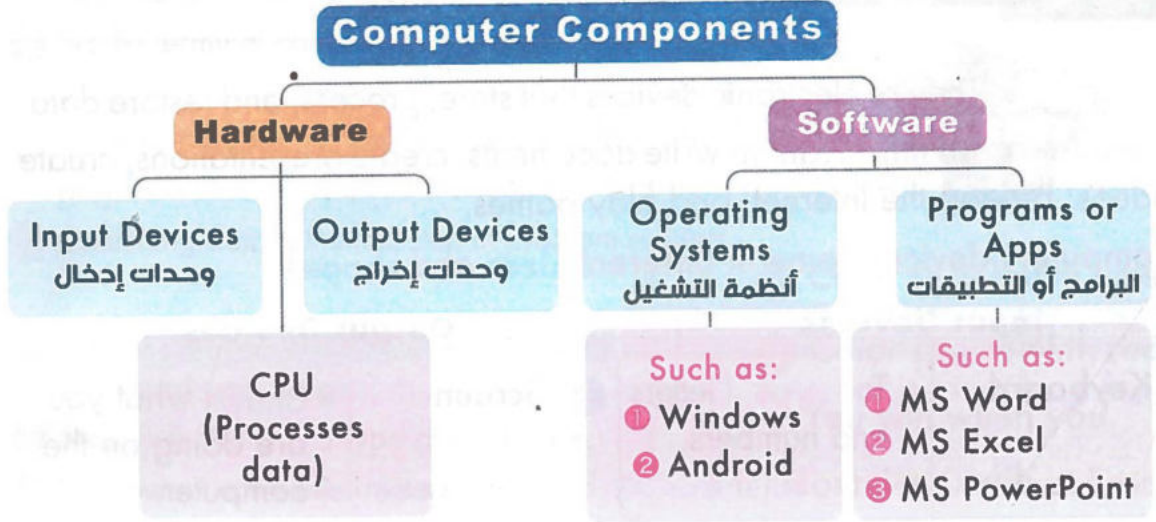
Input Devices		Output Devices	
1 Keyboard	• To <u>type</u> letters and numbers.	1 Screen	• <u>Shows</u> what you are doing on the computer.
2 Mouse	• To <u>select</u> and <u>move</u> things easily.	2 Speaker	• To <u>output sound</u> .
3 Camera	• To <u>input images</u> or <u>videos into</u> the computer.	3 Printer	• To <u>output texts</u> or <u>images from</u> your computer <u>on</u> paper.

4 Microphone	To input sound, audio, and music into the computer.	4 Braille terminal	It allows blind people to use computers.
5 Touch Screen	It allows the user to move things on the computer.	5 Speech synthesizer	- It allows non-verbal people to speak. (How?) - It changes text to speech.



- A touch screen can be used as an **input device** and an **output device**.
- The most important element of the computer system is **you, the user**.

Lesson 3



» Types of software:

1 Operation system:

- (Like Windows) It opens and runs the program you want to use.

2 Programs: (Like MS Word) It's used to write a school report.

» The CPU: It is a type of hardware used to process data.



NOTE:

- It is important to save your work regularly.

Lesson 4

» **Assistive Technology:** It helps people of determination (disabilities) with tasks that they find difficult to do.

Assistive Technology	Function
Screen magnification software	- It helps people with visual impairments. - It enlarges everything on the computer screen.
Hearing Aids	- They help people with hearing difficulties. - Modern versions come with apps that are connected to mobiles.
Alternate communication software	- It helps people with speech or language difficulties. - Example: text-to-speech software
Paraclimbing tools	They help individuals who lost limbs or have mobility impairments to <u>climb</u>.

Lesson 5

» ICT tools might have a temporary breakdown or failure.

- 1 If an app doesn't open: Restart → Check for updates → Uninstall & reinstall the app.
- 2 If the mouse/keyboard doesn't work: Make sure it is connected correctly, then restart → Replace the mouse/keyboard with a new one.
- 3 If your screen freezes: Press "Alt + Ctrl + Del" → Restart.
- 4 If you can't find a file: Use the Search Box in the Start menu.

NOTES:

- 1 Restarting a device can often solve many common ICT problems.
- 2 If you have tried but can't solve the problem, the last step is to ask your teacher or family for help.

Lesson 6

» Scientists and archaeologists can solve problems by collecting, analyzing, and graphing data

» Sources of collecting data:

- 1 Books "digital or printed"
- 2 Surveys
- 3 Experiments "at labs"
- 4 Records

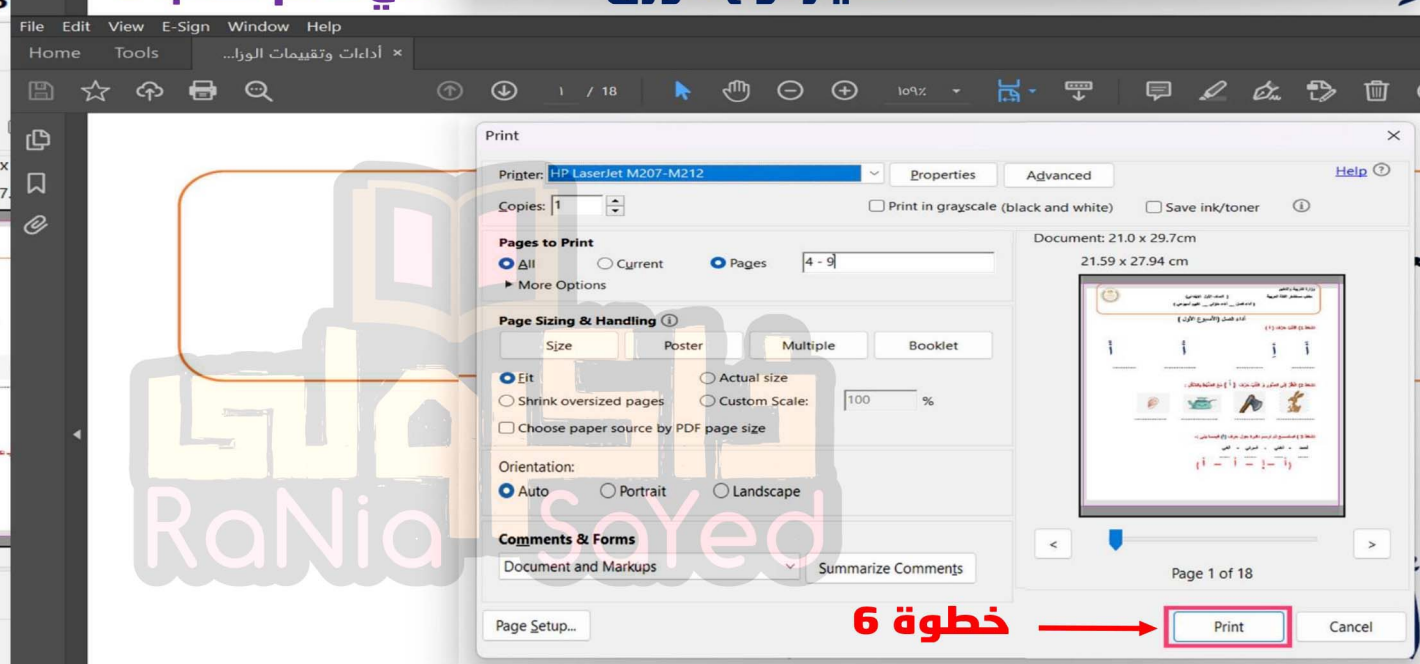
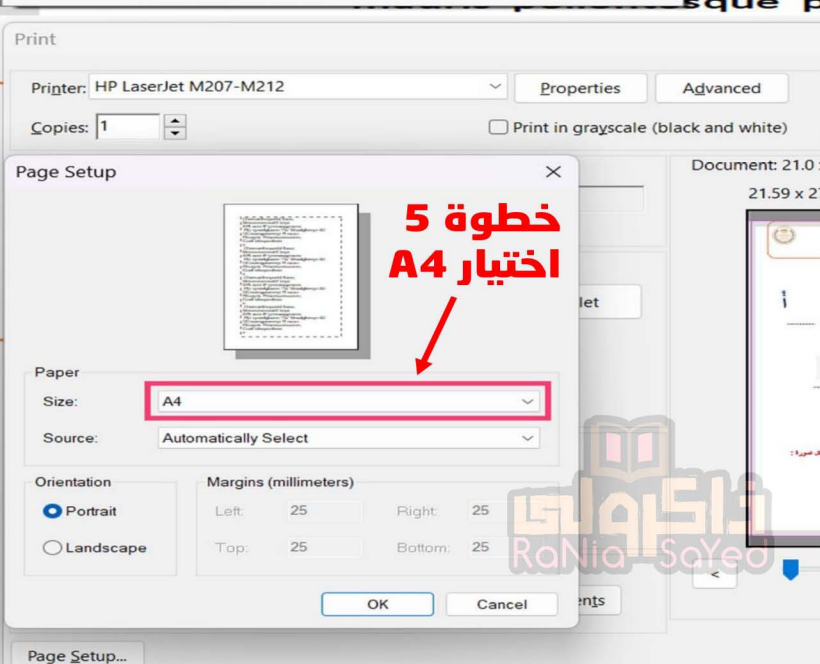
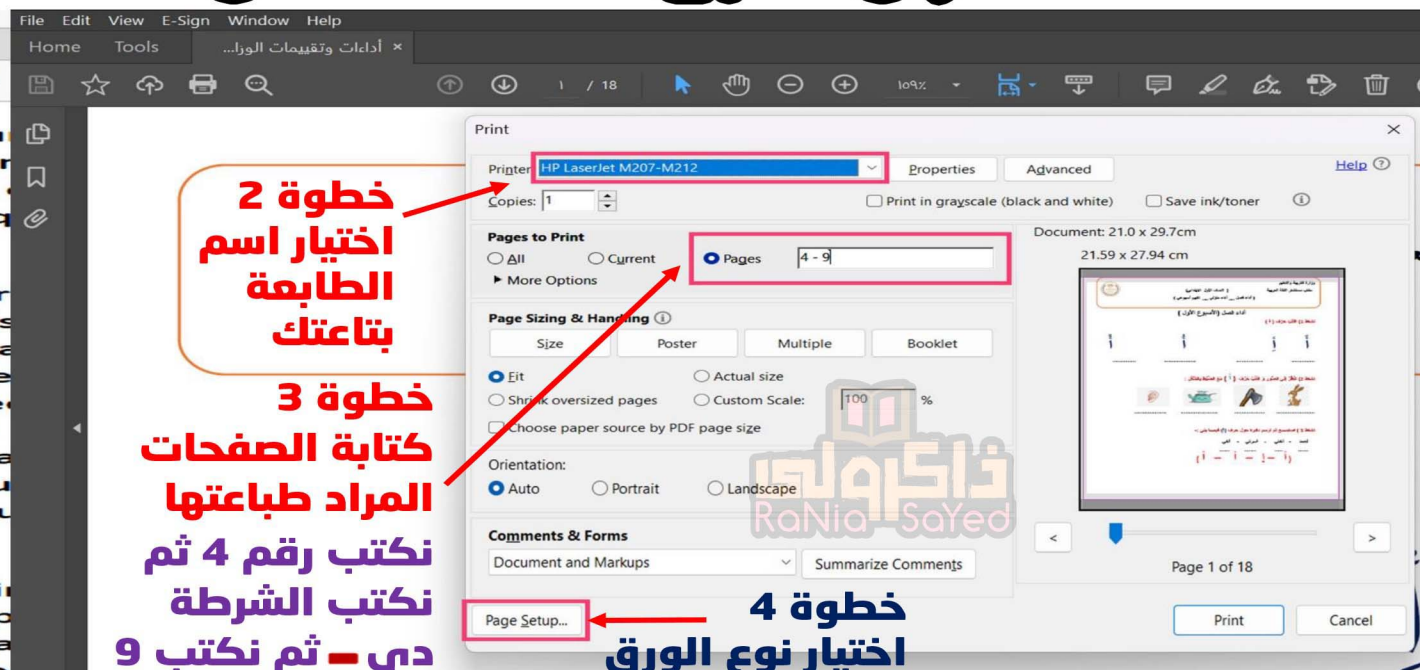
» Analyzing data:

- It includes reviewing and interpreting the collected data.
- The best way to interpret a lot of data is to look for trends (recurring patterns) in the information.
- Microsoft Excel is one of the best programs to analyze data.

» Graphing data:

- A common graph is a bar (column) graph.

كيفية طباعة صفحات معينة من ملف معين مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9



حمل الآن

مجاناً وحصرياً

المراجعة رقم (2)

اختبار شهر اكتوبر



Lesson 1: Tools of Scientific Exploration

- Scientists rely on many **technological tools** in their explorations.
 - These tools help them in scanning and detecting buried object under the earth's surface
- Such as (**Metals – Antiquities – Treasures**)

- يعتمد العلماء والمستكشفون على كثير من الأدوات التكنولوجية فى استكشافاتهم
 - تساعد هذه الأدوات فى عملية المسح والبحث عن الأجسام المدفونة تحت الأرض
- مثل (المعادن – الآثار – الكنوز)

What are the technological tools?

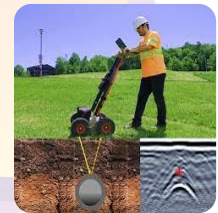
Global positioning system **GPS**:

used to find **places** and **locations** using satellite.



Magnetometer

to measure a magnetic field. it can find **metals** (minerals) underground .



Ground penetrating radar GPR

It uses radar to find **objects buried** underground.



Rover C4

- It is developed to detect **metals** .
- It is primary to search for treasures and metals buried under the ground such as **gold**
- It also a 3D ground scanner .
- It can create 3D image of the scanned area .
- This allows users to identify the locations and depths of potential targets .



ماهى الأدوات التكنولوجية الحديثة ؟

مقياس المغناطيسية : جهاز يستخدم لقياس المجال المغناطيسي ثم البحث عن المعادن فى باطن الأرض

الرادار المخترق للأرض GPR : طريقة يستخدم فيها الرادار للبحث عن الأجسام المدفونة تحت الأرض

نظام تحديد المواقع العالمى GPS : طريقة تستخدم لتحديد الأماكن والمواقع وذلك من خلال الاتصال بالأقمار

الصناعية

جهاز Rover C4 :

- تم تطويره للكشف عن المعادن
- يستخدم بشكل أساسي للبحث عن الكنوز والمعادن المدفونة تحت الأرض مثل الذهب
- يمكنه إنشاء صور ثلاثية الأبعاد للمنطقة الممسوحة
- يتيح للمستخدمين تحديد مواقع الأهداف المحتملة وعمقها

Exercises

1 Choose the correct answer:

1- is a 3D ground scanner used to detect metals.

- a. GPS
- b. GPR
- c. Rover C4

2-The.....is one of the archaeological tools that locates things above the ground.

- a. magnetometer
- b. satellite
- c. ground penetrating radar

3- A GPS receiver in your phone is connected to to determine locations.

- a. spacecrafts
- b. rockets
- C. satellites



4-The..... enables us to identify objects buried underground.

- a. GPR
- b. GPS
- c. GPA

5- Exploration tools detect underground .

- a. Metals
- b. Treasures
- c. A,B

6- Archaeologists use a ground penetrating radar to.....

- a. locates objects above the ground
- b. explores objects under the ground
- c. determines the direction of any location

7-If your friend sent you a WhatsApp message containing his address, this means that he uses the

- a. ground penetrating radar
- b. global positioning system (GPS)
- C. magnetometer.

8- Rover C4 can identify both location and

- a. Depth
- b. Time.
- c. Color.

9-The..... is used to locate metallic bridges underground.

- a. magnetometer
- b. drone
- c. GPR

10- The Rover C4 is a scanner

- a.2D
- b. 3D
- C. 5D



2 Write the scientific term:

- 1-A tool that enables us to know the location of any place we want to visit. (.....)
- 2- A tool that enables us to identify buried objects underground (.....)
- 3- A tool that enables us to identify minerals underground (.....)
- 4- It is developed to detect metals . (.....)

3- Put (✓) or (X):

- 1-The Rover C4 device used to create 2D image of scanned areas ()
- 2-Tourists use GPS, while archaeologists can use GPS and GPR. ()
- 3-The technological tools help tourists decide where to dig. ()
- 4-The Global Positioning System (GPS) is used to locate things underground. ()
- 5- The magnetometer is used to determine directions via satellites. ()
- 6-Satellites are used underground ()
- 7-Scientists use a ground penetrating radar to find objects above the ground. ()
- 8-GPS is used to find any place you want to visit, and it is connected to satellites ()
- 9-GPR is used to discover minerals underground before digging. ()
- 10- The taxi driver relies on the GPS device.



Column (A)	Column (B)
1 Magnetometer	a. 3D ground scanner that creates 3D images of the scanned area.
2 GPS	b. enables us to discover minerals underground.
3 GPR	c. enables us to know the location of any place we want to visit.
4 Rover C4	d. enables us to discover objects buried underground.

Hassan ELMELIGY



Lesson 2 (components of computer systems)

The computer :

- It is an electronic device used for **processing** data
- Computers can **store**, **restore** and **process** information .

جهاز الكمبيوتر : جهاز إلكتروني يقوم باستقبال البيانات ويحولها إلى معلومات بعد معالجتها ولديه القدرة على تخزين واسترجاع البيانات (Tablets - Laptop - PC)

Computer devices come in different **size** and **shapes**

- وتختلف أنواع الكمبيوتر من حيث الحجم والشكل

من أشكال جهاز الكمبيوتر :

Touchscreen devices - ٤



Tablets - ٣



Laptop - ٢



PC . ١



computer tasks:

كتابة المقالات والكتب	Writing articles and documents
ارسال البريد الإلكتروني	send email online
تصفح الإنترنت	browse the Internet
الألعاب	Play games
إنشاء العروض التقديمية	Create presentations (PowerPoint)
إنشاء مقاطع الفيديو	Create videos
إنشاء جداول البيانات	Create spreadsheet (Excel)
تخزين المعلومات	Store information

Computer Components :

Input Devices – CPU – Output Devices



Function	output device	Function	input device
To show what you and the computer are doing	screen	To select and move things easily using it	mouse
It allow blind people to use the computer	Braille terminal	To type letters and numbers	keyboard
To hear others (output sound)	Speaker	To allow others to hear you and input sound and music	microphone
It allows non-verbal people to speak . the device can change text to speech	Speech synthesizer	To allow others to see you, input image and video	Camera
It output text or images from your computer on a paper	Printer	Allow the user to move things on computer	Touch Screen

Note: Touch Screen It is an input and output device at the same time

ملحوظة : شاشة اللمس **Touch Screen** تعتبر وحدة ادخال وإخراج في نفس الوقت



Exercises

1-Choose the correct answer:

1 The computer is an electronic device that is used for online

- a. processing data
- b. writing documents
- c. sending emails

2-The Computer devices come in different

- a. size
- b. shape
- c. a,b

3- The..... is responsible for entering the data into your computer.

- a. CPU
- b. keyboard
- c. printer

4- The..... is used to print papers .

- a. display screen
- b. scanner
- c. printer

5- One of the devices that a word processing software needs to write is

- a. speaker
- b. mouse
- c. keyboard

6- The..... is a device that allows non-verbal person to communicate.

- A. microphone
- b. speech synthesizer
- c. speaker



7-enables you to take audio clips out of the computer

- a. The mouse
- b. The speaker
- c. The screen zoom software

8- The..... is one of the input devices of the computer hardware components.

- a. speaker
- b. printer
- C. scanner

9-All the following are from input devices of the computer components, except the.....

- a. screen
- b. microphone
- c. keyboard

10-are input devices of the computer hardware.

- a. Keyboard, mouse and speaker
- b. Camera, mouse and microphone
- c. Touch screen, speaker and printer

11-The screen is considered an..... device, while the touch screen is considered an..... device

- a. output-output.
- b. output - input
- c. input – input

12-is used to select, insert or drag a file on the computer.

- a. mouse
- b. printer
- C. Scanner

13- Theallows you to enter a sound to your computer.

- a. speech synthesizer
- b. speaker
- c. microphone



14-The..... is used to print texts and images on paper.

- A. screen
- b. scanner
- c. printer

15-Theis used to output texts and images .

- a. screen
- b. mic
- c. mouse

2- Put (✓)or (X):

- 1- Input devices in computers work on processing data. ()
- 2-Non-verbal people use speech synthesizers to use the computer. ()
- 3-The mouse is used to print images from the computer on paper. ()
- 4- The keyboard is a device that is used to input data. ()
- 5-We use printer to transfer texts and images from paper to our computer. ()
- 6-A laptop is bigger than a personal computer. ()
- 7- The personal computer converts information into data. ()
- 8- Braille terminals and speech synthesizers help people of determination to use computers. ()
- 9-You are the main component of using a computer. ()
- 10- The microphone is very important to hear audio or video. ()

3 Complete the following sentences with the suitable words between brackets:

(mouse - screen - speaker - camera - keyboard - microphone)

- 1- A..... enables you to enter your photo at the present.
- 2- A..... enables you to enter the sound into the computer.
- 3- A..... enables you to write letters and numbers.
- 4- A..... displays information (texts, photos & videos).



5- A..... is used to select and move things.

6- A..... is used to output audio data.

4 Cross out the odd word:

1-Keyboard - Printer - Camera – mouse (.....)

2-printer- Speaker - Microphone – Screen (.....)

3-Speech synthesizer - mouse– Speaker (.....)

5 Classify these words into input or output devices:

(Speech synthesizer - Touch screen - Speaker - Camera - Keyboard - Printer)

Input Devices	Output Devices
.....	
.....	

6- Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
Hardware	Function
1 Keyboards	a. output audio data
2 Speakers	b. view visual data as images.
3 Screens	c. output texts and images.
4 Printers	d. input letters and numbers.



Lesson 3 (Software and Operating Systems)

Hardware	Software
Input devices	Operating system
Output devices	applications
CPU	

Software :

They are programs and applications that helps the user to perform any task And they include:

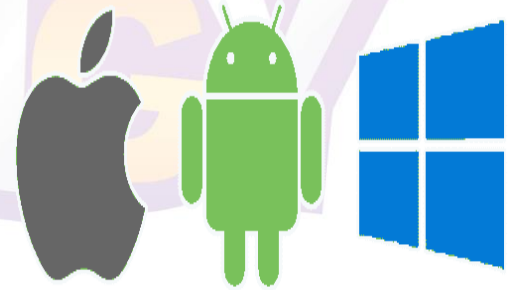
- 1-Operating system.
- 2-Programs (applications) .



هي عبارة عن برامج وتطبيقات تساعد المستخدم على أداء مهمة معينة وتشمل نظام التشغيل والبرامج

The operating system

- It is a program enables you to use your computer.
- The operating system sends commands to CPU
- There must be of the operating system software on the computer such as:



(Windows) for computers – (Android) for cell phone

نظام التشغيل : هو برنامج يقوم بتشغيل جهاز الكمبيوتر وتوظيفه لأداء مهام مختلفة ويقوم بإرسال الأوامر للمعالج

- لابد من وجود برنامج نظام التشغيل على جهاز الكمبيوتر مثل نظام Windows – Android



The Most important Applications :**PowerPoint** : It helps us to design a **presentation****Word**: It helps us to write **reports** or **documents****Google Chrome** A program used to **browse** any website online**Excel**: It helps us to design **tables** and **graphs**.١. برنامج العروض التقديمية **PowerPoint** : برنامج يساعد على عرض النصوص والمعلومات بصورة

جذابة وشيقة مثل درس تعليمي مضاف إليه صور متحركة وأصوات وتأثيرات

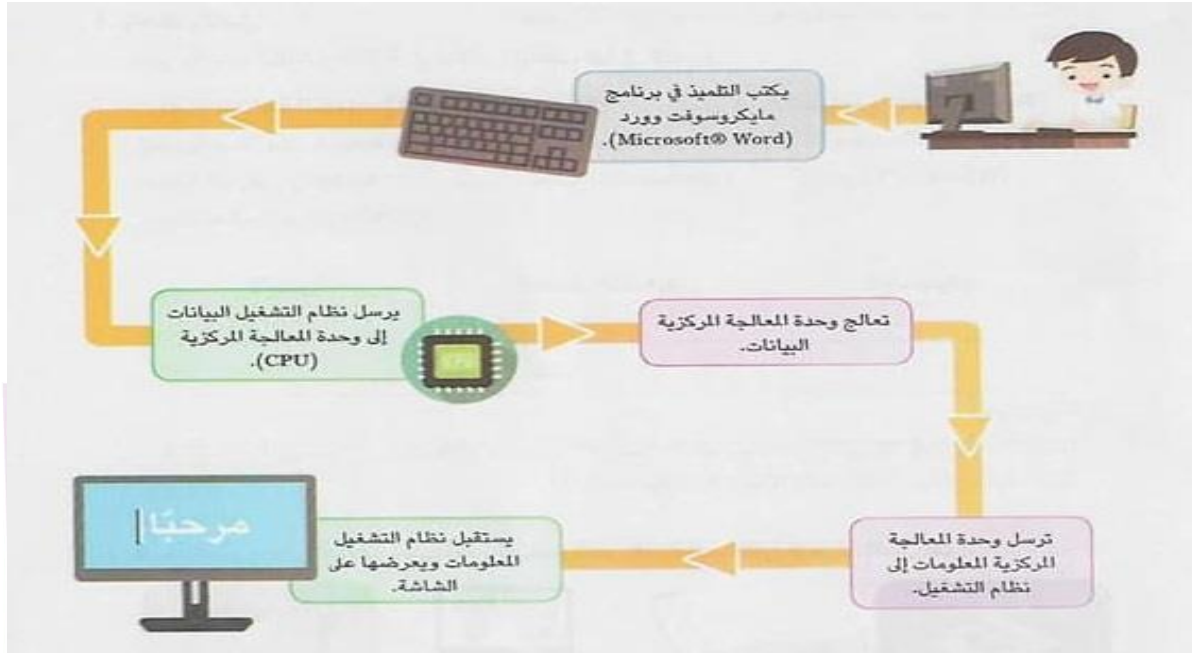
٢. برنامج معالج الكلمات **Word** : يستخدم للكتابة على الكمبيوتر وتنسيق النصوص مع إضافة الصور٣. برنامج متصفح الانترنت **Google Chrome** : برنامج يستخدم لتصفح الإنترنت والبحث في المواقع٤. برنامج الجداول الحسابية **Excel** : يستخدم لعمل رسوم بيانية**What is a processor or central processing unit(CPU) :****Central Processing Unit (CPU)** is like the brain in the human body and it processes data and converts it to useful information**ماهو المعالج أو وحدة المعالجة المركزية CPU :**

الجزء المسئول عن معالجة البيانات والتحكم في ادخال ومعالجة وإخراج البيانات ويشبه المخ في جسم الإنسان



The diagram shows how data is processed in Microsoft Word

يظهر الرسم التخطيطي كيفية معالجة البيانات (ماذا يحدث داخل الكمبيوتر بعد ادخال البيانات)



- 1- A student writes in M.S word
- 2- The operating system sends data to the CPU
- 3- The CPU processes the data
- 4- The CPU sends information to the operating system
- 5- The operating system receives the information and shows it on the screen.

عند كتابة أي أمر على جهاز الكمبيوتر

- ١- يقوم نظام التشغيل بإرسال أوامر إلى وحدة المعالجة المركزية لتنفيذ هذا الأمر
- ٢- ثم تقوم وحدة المعالجة المركزية بتوزيع الأوامر لكل وحدة لتنفيذها

Exercises

1 Choose the correct answer:

1-Is considered software for the personal computer.

- a. Keyboard
- b. Windows
- c. Screen

2-is considered of the hardware components of a computer.

- A.CPU
- c. Android
- b. Browser

3-is considered the door to the internet that enables you to search for any information.

- a. PowerPoint
- b. Google Chrome
- c. Microsoft Word

4-is a great tool that enables you to create your CV.

- a. PowerPoint
- b. Google Chrome
- c. Microsoft Word

5-can be an effective tool to present material in the classroom and encourage student learning.

- a. Excel
- b. PowerPoint
- c. Google Chrome

6-The function of the central processing unit (CPU) is to

- a. change information to useful data
- b. change bad information to useful information
- c. change data to useful information



7- sends data to the CPU then receives it in a form of information

- a. Windows
- b. Browser
- c. Keyboard

8-All the following are from the operating systems that enable you to use computers, except.....

- a. Windows
- b. email
- c. Android

2 Write the scientific term:

- 1-It sends commands to the central processing unit (CPU). (.....)
- 2-It processes data and converts it to useful information. (.....)
- 3-It is considered the main tool for accessing websites. (.....)
- 4-An application that allows you to design business documents. (.....)
- 5-An application that allows you to present information and videos. (.....)



3 Put (✓)or (X):

- 1- The central processing unit (CPU) is a type of software. ()
- 2- Word processing software is a type of device. ()
- 3- The operating system is not necessary for dealing with a computer. ()
- 4- Microsoft PowerPoint helps you present information in creative ways. ()
- 5- The software helps in controlling processing data so the user can reach information. ()
- 6- The CPU sends commands to the operating system to translate them ()
- 7- The operating system is considered a software component, while the CPU is considered a hardware component. ()
- 8- Google Chrome enables you to download any file from any website offline. ()
- 9- Screen and keyboard help you to operate your personal computer. ()
- 10- Android is one of the most famous operating systems. ()

4 Classify these words into the following table:

(Word - Speech synthesizer - Google chrome - Touch screen - Windows - Speaker - Camera - Keyboard - Printer - PowerPoint - Android)

Input Devices	Output Devices	Operating System	Applications
.....			
.....			



Hardware	Software

5 Cross out the odd word:

- 1- Windows - CPU – Android ()
- 2- Keyboard - Google Chrome – Speaker ()
- 3- Screen - Microsoft Word- PowerPoint ()

6 Arrange the following stages:

- 1- The operating system sends the image data to the CPU. ()
- 2- The CPU converts data into information. ()
- 3- The student places an image in Microsoft PowerPoint. ()
- 4- It displays it on the screen. ()
- 5-It displays it on the screen. ()
- 6-The CPU is processing the image data. ()
- 7- The CPU sends information to the operating system. ()



Lesson 4 (Supporting People of Determination)

Assistive Technology It is a technology that helps **people of determination** in tasks that they find difficult to do

التكنولوجيا المساعدة : تساعد الأشخاص ذوي الهمم فى أداء مهامهم اليومية

Screen magnification software: It is a program that **enlarges** everything on a computer screen such as text and image to help people with poor vision (**Visually Impaired**) to interact with the computer

برمجيات تكبير الشاشة : وهى برامج تقوم بتكبير الشاشة لتساعد الأشخاص الذين يعانون من ضعف البصر في التفاعل مع الكمبيوتر



Hearing aids : help people who have **trouble hearing**
And now it can be connected and linked to mobile phones

سماعات الأذن : وهى سماعات تساعد الأشخاص الذين يعانون من ضعف السمع والآن من الممكن توصيلها وربطها بالهواتف المحمولة والأجهزة الذكية



Alternate communication software:

It helps people with **speech and language disabilities** to communicate with others.

Some computer programs can change **text** to **speech** and **speech** to **text**

برمجيات التواصل البديلة : وهى برامج تساعد الأشخاص ذوي الهمم الذين يعانون من صعوبات التواصل اللغوي والشفهي مع الآخرين و تقوم بتحويل النص المكتوب إلى مسموع والمسموع إلى مكتوب



Sporting tools :**Hand bike** that has 3 wheels and is powered by hands

الدراجة الهوائية ثلاثية العجلات لمن يعانون من فقدان أحد أطرافهم (القدم) والتي يمكن تشغيلها باليد

footballs that make a noise : for (visually impaired)

ومثل طابات كرة القدم التي تصدر صوتا

**Para climbing tools :** they allow climbers with **limb differences** to climb mountains.

أدوات التسلق تتيح للمتسلقين ممن فقدوا أطرافهم أن يتسلقوا الجبال

prosthetic limbs: A device that replaces the missing limb in the human body (arm - foot)

الأطراف الصناعية : جهاز يعوض عن الطرف المفقود في جسم الإنسان (ذراع - قدم)

**Braille method:**It helps **blind** people to read with touch by converting letters into raised symbols.

طريقة برايل : هي عبارة عن نظام للكتابة يمكن المكفوفين من الكتابة من خلال كتابة الحروف عن طريق رموز بارزة على الورق كما تسمح لهم أيضا بالقراءة من خلال اللمس

Cell phone with large buttons :It can be useful for **visually impaired** people**Motorized wheelchairs :**It can be useful for people with **mobility impairments**.**Stephen Hawking:** he was a physics scientist used a motorized wheelchair to move and speech synthesizer that helps him to communicate .

عالم الفيزياء ستيفن هوكينج: حيث قام باستخدام الكرسي الألى للتحرك وكان مزودا بجهاز مركب الكلمات يساعده في التحدث



Exercises**1 Choose the correct answer:****1-Albert Lin is a/an.....**

- a. doctor
- b. architect
- c. archaeologist

2-.....had a robotic wheelchair that enabled him to move.

- a. Albert Lin
- b. Stephen Hawking
- c. Anika Ullah

3-Prosthetic legs and wheelchairs help people with.....

- a. hearing troubles
- b. movement disabilities
- c. poor vision

4-Screen magnification software is very important for.....

- a. blind people
- b. deaf people
- c. visually impaired people

5- Alternative communication software helps people withdisabilities.

- a. speech
- b. movement
- c. seeing

6-.....is a way to convert letters into raised symbols that can be read by touch.

- a. Smartphone
- b. Touch screen
- c. Braille method



7- People who have hearing troubles can use to interact with a computer.

- a. speaker
- b. hearing aids
- C . Synthesizer

8-The.....can change text to audio and vice versa.

- a. speaker
- b. microphone
- c. alternative communication software

9- A football that makes noise is useful for

- a. people with hearing troubles
- b. people with movement disabilities
- C. visually impaired people

10- Which of the following is useless for visually impaired people?

- a. Motorized wheelchair
- b. Cell phone with large button
- c. Screen magnification software

11- Screen magnification software enables.....

- a. showing information
- b. hearing information
- C. printing papers

12-.....help people with limb difference to go about their daily lives.

- a. Hearing aids
- b. Prosthetic legs
- C. Braille terminal

2 Write the scientific term:

1-The kind of technology that helps people of determination. (.....)

2-A tool that helps people who have trouble hearing to hear. (.....)

3-A tool that helps blind people to read. (.....)

4-A tool on the computer that enables visually impaired people to see (.....)22



5-A tool that helps people who lost one of their limbs. (.....)

6-It helps people with speech and language disabilities to communicate (.....)

3 Who might find these assistive technological tools more useful

1- Sport balls that make noise. (.....)

2- Cell phones with large buttons. (.....)

3-Medical hearing aids. (.....)

4- Screen magnification software. (.....)

5-Motorized wheelchair. (.....)

4 Put (✓) or (X):

1- Assistive technology is technology that helps people of determination go about their daily lives. ()

2- Albert Lin uses a prosthetic leg that enables him to talk and communicate. ()

3- Stephen Hawking used a robotic wheelchair to move which was equipped with a system that enabled him to talk. ()

4- Screen magnification software helps people with hearing trouble.()

5- Braille transforms letters into raised symbols that can be read by touching. ()

6- Medical hearing aids include applications that allow users to adjust then from their mobile phone. ()

7- Alternative communication software allows visually impaired people to interact with a computer. ()

8-Some computer programs can change text to speech and vice versa. ()

9-A bike with three wheels operated by hand can help a person with limb difference to move. ()

10-Our deaf sisters can use technological tools, such as speech synthesizers. ()



5 Complete the following sentences:

- 1-People of determination use different kinds of technology
- 2-Albert Lin has a but that doesn't stop him, so he usesthat enables him to move and explore new places.
- 3-Stephen Hawking used a to move which was equipped with a system that enabled him to
- 4-allows non-speaking people to speak and communicate with others
- 5- People who have poor vision can use to read
- 6-players can use a ball that makes noise.
- 7-has 3 wheels and is powered by your hands.

6 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
People of determination	Can use
1- Blind person	a. Screen magnification software
2- People with hearing disabilities	b. Prosthetic device
3- Visually impaired person	c. Alternative communication software
4- Person with language disabilities	d. Medical hearing aid
5- Person with a limb difference	e. Braille metho



Lesson 5 (Common ICT problems and solutions)

What are the problems that a technology user may face at school or at home?

How to solve it	the problem
We restart the computer if the problem is not solved We update the software if the problem is not solved We uninstall and reinstall the application	An App won't open
We make sure that the mouse cable is connected to the right place on the motherboard and then restart the device. The problem is not solved We replace the mouse with another	The mouse curser is not working
We make sure that the keyboard cable is connected to the appropriate place on the motherboard and then restart the device did not solve the problem We replace the keyboard with another	The keyboard is not working
We press buttons on the keyboard Ctrl+ Alt +Del If the problem is not resolved, we restart the device	your screen not working Freeze/stopped displaying data
To search in general through the Search Box next to the start button If you are looking for a Microsoft word file look in the Documents folder If you are looking for a photo, search in the Pictures folder If you are looking for a file you downloaded from the Internet, search in the Downloads folder	You can't find a file



In the event that you try to solve any problem, but it is not solved, ask for help from your teacher or a member of your family

ماهي المشكلات التي قد تواجه مستخدم التكنولوجيا في المدرسة أو المنزل ؟؟

المشكلة	كيفية حلها ومواجهتها
عدم التمكن من فتح البرنامج أو التطبيق	نقوم بإعادة تشغيل الكمبيوتر في حالة لم تحل المشكلة نقوم بتحديث البرنامج في حالة لم تحل المشكلة نقوم بمسح البرنامج وتثبيته مرة أخرى
مؤشر فأرة التحكم لا يعمل	نقوم بالتأكد من توصيل كابل الفأرة بالمكان المناسب في اللوحة الأم ثم نعيد تشغيل الجهاز لم تحل المشكلة نقوم باستبدال الفأرة بأخرى
لوحة المفاتيح لا تعمل	نقوم بالتأكد من توصيل كابل لوحة المفاتيح بالمكان المناسب في اللوحة الأم ثم نعيد تشغيل الجهاز لم تحل المشكلة نقوم باستبدال لوحة المفاتيح بأخرى
شاشة الكمبيوتر لا تعمل تجمدت / توقفت عن عرض البيانات	نقوم بالضغط على أزرار من لوحة المفاتيح (Ctrl) و (Alt) و (Del) في حالة لم تحل المشكلة نقوم بإعادة تشغيل الجهاز
عدم إيجاد ملف معين	للبحث عامة من خلال صندوق البحث Search Box الموجود أسفل الشاشة بجانب شعار windows في حالة بحثك عن ملف نصي مكتوب ببرنامج Word ابحث في مجلد المستندات Documents في حالة بحثك عن صورة ابحث في مجلد الصور Pictures في حالة بحثك عن ملف قمت بتنزيله من الانترنت ابحث في مجلد التنزيلات Downloads

في حالة محاولة حل أي مشكلة ولكن لم تحل اطلب المساعدة من معلمك أو أحد أفراد أسرتك (تعتبر المحاولة الأخيرة) وإعادة تشغيل الجهاز يساعد في حل معظم المشاكل



Exercises**1 Choose the correct answer:**

1- If you want to find a file in your PC, you should

- a. restarts the device
- b. press on Del + Alt + Ctrl
- C. Use the Search box

2- The command responsible for closing all the applications on personal computers

- a. Del+Alt+Ctrl
- b. Alt+Del+Tab
- c. Del+Tab+Shift

3- When there's a problem opening one of the apps on your computer, you might need to

- a. restart your device
- b. replace the mouse
- c. replace the keyboard

4- It is preferable after repairing or reconnecting the mouse to

- a. connect the power charger to the device
- b. check electrical connections
- C. restart the device

5- You can use..... to write school reports and homework.

- a. MS PowerPoint
- b. MS Word
- c. MS Excel

6- The following options are possible to solve a keyboard malfunction, except

- a. replacing the keyboard
- b. checking the keyboard connection
- c. pressing F5 button



7-When you are unable to solve a problem on your computer, you must

- delete some files from the computer
- leave your computer for a while
- ask your teacher or family to help you

2 Complete the following sentences using the suitable words between brackets:

(find a file - screen freezes - app won't open - pointer doesn't work)

- Press and hold the "Ctrl", "Alt" and "Del" buttons when.....
- Uninstall and reinstall the app when the.....
- Do a search using the Search box next to the Start button to.....
- Check the mouse connection to the motherboard when the.....

3 Put (✓) or (X):

- It is better to restart your computer after checking the keyboard connection. ()
- If the app still won't open, check that your software is up to date. ()
- Removing the Word program from your device helps solve most problems. ()
- If you can't find a file, you should restart your computer. ()
- Press Del + Alt + Ctrl if the mouse is not activated. ()
- Using the Search box helps you find any file on your PC. ()
- The first thing you should do when you have a problem with your computer is ask to your teacher for help. ()

5 Decide what the problem is, based on the solution provided:

- Press and hold the "Ctrl", "Alt", and "Del" buttons. (.....)
- Do a search using the Search box next to the Start button. (.....)
- Restart your computer and try opening it again. (.....)
- Uninstall and reinstall the app. (.....)



حمل الآن

مجاناً وحصرياً

المراجعة رقم (3)

اختبار شهر اكتوبر





Scientific Exploration Tools



Theme 1

Dear Student

Have you ever thought about scientific discoveries? How are they made? What technological tools are used in these discoveries?

There are many technological devices that explorers use in surveying and exploration operations to search for things buried underground, like minerals, artifacts, and treasures.

Some of the tools used:



Satellites for obtaining images



Drone (Unmanned Aerial Vehicle)



Technological Tools Used in Exploring the Earth

First

Tools for Locating Objects Underground



Rover C4 Device

It is an advanced metal detector and 3D ground scanner, specifically designed to search for buried treasures and metal objects underground, including gold. The device can create 3D

Ground Penetrating Radar Device



- Uses radar to find objects buried underground.

Magnetometer Device

A device that measures the magnetic field and can be used to find metals underground.



Second

Tools for Locating Objects Above Ground

Global Positioning System

GPS is used to reach places you want to go by connecting to satellites.





Lesson Exercises

1

From Ministry Assessment Questions

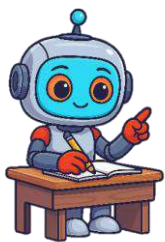
Choose the correct answer from the following options:

- 1. **For detecting metal coins underground a device is used.**
 - a. Drones
 - b. Global Positioning System (GPS)
 - c. Ground Penetrating Radar
 - d. Satellites
- 2. **..... relies on satellites to determine the locations of things.**
 - a. Magnetometer
 - b. Global Positioning System (GPS)
 - c. Drones
 - d. Ground Penetrating Radar
- 3. **The Global Positioning System (GPS) relies on to determine places and locations.**
 - a. Satellites
 - b. Global Positioning System (GPS)
 - c. Drones
 - d. Ground Penetrating Radar
- 4. **Archaeologists relied on to search for metals underground.**
 - a. Aircraft
 - b. Magnetometer
 - c. Global Positioning System (GPS)
 - d. Photographs

Other Lesson Questions

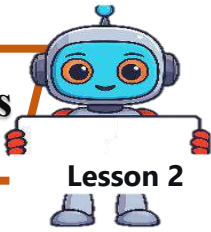
Put a (✓) in front of the correct statement and a (✗) in front of the incorrect statement:

- 1. The Rover C4 device is used to detect treasures and metals. ()
- 2. Ground Penetrating Radar helps find buried objects. ()
- 3. A magnetometer is used to measure wind speed. ()
- 4. The GPS system relies on satellites to determine locations. ()
- 5. Drones are used for aerial imaging and surveying. ()
- 6. The Rover C4 cannot create 3D images. ()





Computers and Their Components



Theme 1

Lesson 2

Computer

It is an electronic device that stores, processes, and retrieves data.

Uses of a Computer

1. Writing.
2. Browsing the Internet.
3. Playing electronic games.
4. Creating presentations and videos.

Forms of Computers



(Tablet)



(Laptop)



(Personal computer)



(touch)



To use a computer, we need:

1. A keyboard for typing.
2. A mouse or touchscreen to move things (Speakers - Camera - Microphone).
3. A screen to display what you are doing.
4. Connectivity options.

Computer components are divided into:



Hard Ware

Software



Hardware is divided into input units and output units.



Input Units

 (Mouse)	 (Keyboard)
 (Camera)	 (Touch Screen)
 (Scanner)	 (Microphone)

Output Units

 (Printer)	 (Screen)
 (Speaker)	 (Braille Terminal)
 (Speech Synthesizer)	Used to help people with special needs, "non-verbal individuals," use the computer.

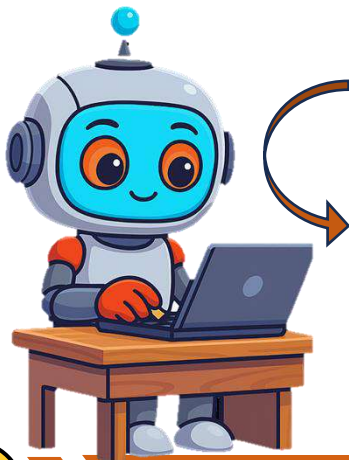
How a computer works is based on:



1. Receiving Data

2. Processing Data

3. Displaying results as Information through output units.



The most important part of the system is the User.

The quality of the output depends on:

- ✓ The data entered.
- ✓ The user's knowledge of how to use the devices.



2

Lesson Exercises

From Ministry Assessment Questions

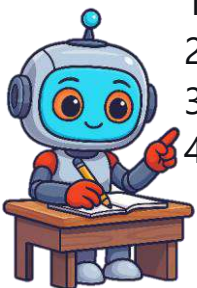
Choose the correct answer from the following options:

1. are used to output sounds from the computer.
 - a. Keyboard
 - b. Microphone
 - c. Speakers
 - d. Printer
2. are used to display data, images, and videos.
 - a. Speakers
 - b. Printer
 - c. Keyboard
 - d. Screen
3. From the input units
 - a. Printer
 - b. Speaker
 - c. Microphone
 - d. Screen
4. The device helps non-speaking individuals use the computer.
 - a. Speech Synthesizer
 - b. Microphone
 - c. Speaker
 - d. Printer
5. allows the blind to use the computer.
 - a. Braille Terminal
 - b. Mouse
 - c. Keyboard
 - d. Printer
6. is used to input texts and images from paper into the computer.
 - a. Scanner
 - b. Microphone
 - c. Mouse
 - d. Printer

Other Lesson Questions

Put a (✓) in front of the correct statement and a (X) in front of the incorrect statement:

1. A computer can be used to store and process data. ()
2. One use of a computer is creating presentations. ()
3. Forms of computers include desktop devices. ()
4. A computer is an electronic device. ()





Operating Systems

Theme 1



How do we use our devices?

- We sometimes play.
- We write notes.
- We browse the internet.

Example

Imagine you want to write a school report. What do you do?

First: The Software You Use



- You open a **word processing** program like **Microsoft Word**.
- A **spreadsheet** program like **Microsoft Excel**.
- A **presentation** program like **PowerPoint**.

Second: The Operating System (OS)

- The program asks the operating system to open and run it.
- **Example:** Windows opens and runs the program.

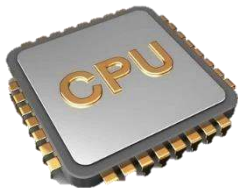


Example

- You only see what appears on the screen, but a lot happens in the background.

Central Processing Unit (CPU)

- In the **background**, the **operating system** communicates with the Central Processing Unit (**CPU**).
- The **CPU** is part of the device's **hardware**.
- This **unit controls** how data is **processed**.



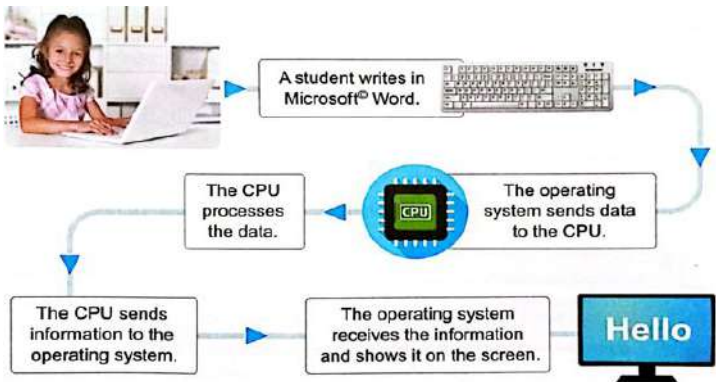
How the computer interacts with directed commands



1. When you type something on the computer, the program tells the operating system to ask the CPU to show you what you typed on the screen.
2. If a problem occurs in the program before the operating system asks the CPU to save everything, you might lose your work.

Note

Therefore, it is important to save your work .



This diagram shows how data is processed in Microsoft Word.



3

Lesson Exercises

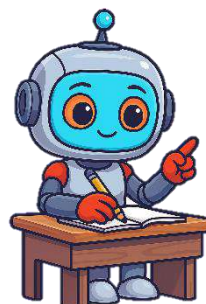
From Ministry Assessment Questions

Q1: Put a (✓) in front of the correct statement and a (X) in front of the

1. The operating system is not necessary to run a computer. ()
2. The keyboard and screen are software responsible for running the computer. ()
3. The Central Processing Unit is a type of software. ()

Q2: Choose the correct answer from the following options:

1. receives data from the operating system.
 - a. Braille Terminal
 - b. Central Processing Unit (CPU)
 - c. Keyboard
 - d. Printer
2. The program is one of the operating system programs.
 - a. Google
 - b. Windows
 - c. Word
 - d. PowerPoint
3. The program is used to write, format texts, and insert images.
 - a. Google
 - b. Windows
 - c. Word
 - d. PowerPoint
4. is considered essential software for running a computer.
 - a. Google Chrome
 - b. Operating System
 - c. Microsoft Word
 - d. Presentations
5. The Central Processing Unit (CPU) processes
 - a. Keyboard
 - b. Information
 - c. Mouse
 - d. Data
6. The operating system receives from the Central Processing Unit (CPU) then displays it on the screen.
 - a. Keyboard
 - b. Information
 - c. Mouse
 - d. Data





Assistive Technology

Theme 1



We all use technology to help us in our daily lives. There is a special type of technology called "Assistive Technology".

Assistive Technology

It helps people with special needs - enabling them to perform tasks they find difficult to do.

There are many types of assistive technology, including:



✓ Screen Magnification Software

- These are programs that enlarge everything on the computer screen, words and images, helping visually impaired people interact with the computer.



✓ Alternative Communication

- Helps people with speech and language difficulties communicate with others.
- **Examples** include programs that convert text to speech, or speech to text.



✓ Hearing Aids

- Help people who have difficulty hearing, and modern versions can be connected to smartphones.

✓ Sports Tools



- For **example: prosthetic limbs** for practicing sports like specialized mountain climbing tools for people who have lost a limb, enabling them to practice climbing

Note

Assistive technology can provide assistance to individuals in practicing daily activities.



4

Lesson Exercises

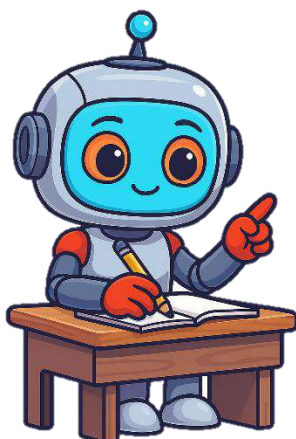
From Ministry Assessment Questions

Q1: Put a (✓) in front of the correct statement and a (X) in front of the incorrect statement:

1. Assistive technology enables people of determination to do their work. ()
2. Hearing aids are assistive means for visually impaired people. ()
3. Assistive technology enables people of determination to explore places around the world. ()
4. Screen magnification software enables hearing-impaired people to interact with the computer. ()
5. People of determination use assistive technology in their daily lives. ()
6. alternative communication software helps people of determination with verbal and linguistic communication. ()

Q2: Choose the correct answer from the following options:

1. **helps the visually impaired interact with the computer screen and magnify it.**
 - a. Hearing Aids
 - b. Screen Magnification Software
 - c. Sports Tools
 - d. Communication Tools
2. **help people of determination with movement.**
 - a. Hearing Aids
 - b. Prosthetics
 - c. Speakers
3. **help hearing-impaired people.**
 - a. Screen Magnification Software
 - b. Hearing Aids
 - c. Microphone
 - d. Keyboard





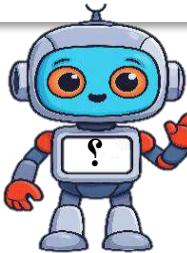
Common Problems and Solutions

Theme 1



We studied before

Some office programs that can be used to collect and analyze data. While using electronic devices, some temporary malfunctions may occur. These malfunctions may prevent you from turning them on or using them for writing.



Here are some of these problems and their potential solutions.

1

Problem: Application won't open

Potential solutions in Windows

- Restart your device and try again.
- If the application doesn't open, check that your program is updated to the latest version.
- If the problem persists, uninstall and reinstall the application.

2

Problem: Mouse pointer doesn't work

Potential solutions in Windows

- Make sure the mouse cable is connected correctly to the motherboard.
- It's better to restart the device afterwards.
- If the problem isn't solved, there might be a defect in the mouse and it needs replacement.

3

Problem: Can't find the file

Potential solutions in Windows

- Check the Downloads folder. If you're looking for a Word file, search in the Documents folder.
- If you're looking for a picture, search in the Pictures folder.
- Or try using the search box next to the Start button.

4

Problem: Keyboard doesn't type

Potential solutions in Windows

- Make sure the keyboard cable is connected correctly to the motherboard.
- It's better to restart the device afterwards.
- If the problem isn't solved, there might be a defect in the keyboard and it needs replacement.

5

Problem: Screen is frozen

Potential solutions in Windows

- Press and hold the **Ctrl + Alt + Del** keys together.
- If this option doesn't work, try turning off the device and restarting it.

Note

If you can't solve any problem, ask your teacher or a family member for help.



Lesson Exercises

5

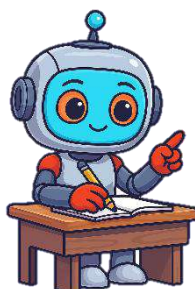
From Ministry Assessment Questions

Q1: Put a (✓) in front of the correct statement and a (X) in front of the incorrect statement:

1. To solve the problem of the screen stopping displaying information, press the Alt+Ctrl+Del keys together for a short period. ()
2. Updating software is one of the suggested solutions to solve the problem of not being able to open applications. ()
3. To solve a malfunction of the control mouse, a new keyboard is purchased. ()

Q2: Choose the correct answer from the following options:

1. **You can solve the problem of the screen stopping displaying information by pressing the keys:**
 - a. Alt+Ctrl+Del
 - b. Alt+Shift
 - c. Alt+F8
 - d. F10+Del
2. **From the suggested solutions to solve the problem of not being able to type using the keyboard is**
 - a. Changing the control mouse
 - b. Making sure the printer is connected
 - c. Connecting headphones
 - d. Making sure the keyboard cable is connected
3. **When you are unable to solve some problems you may encounter, you should**
 - a. Leave the problem and avoid it
 - b. Disconnect the keyboard connections
 - d. Ask your teacher or a family member for help
4. **The mouse cable is connected in the appropriate place**
 - a. Motherboard
 - b. Electrical panel
 - c. Keyboard
5. **To search for a picture on the computer, we search in the folder.**
 - a. Pictures
 - b. Documents
 - c. Films



حمل الآن

مجاناً وحصرياً

المراجعة رقم (4)

اختبار شهر اكتوبر



Question 1: Choose the correct answer

1. Rover C4 is a scanner
a- 2D B-3D C-Audio d-visual
2. is a way that converts letters into prominent symbols that can be read by touching.
a- Ear piece b- Screen c- Braille
3. Technology that helps people of determination to carry out their daily tasks easily is called
a) magnetometer b) assistive technology c) operating system
4. Alternative communication software helps people with disabilities
a) Speech b) Movement c) Seeing d) Hearing
5. is considered from the hardware components of a computer
a) PowerPoint b) Browser c) CPU d) Microsoft word
6. word processing program like Microsoft work is a type of
a) information b) hardware c) software d) games
7. The allows us to output the text and images on paper
a) printer b) scanner c) speaker d) screen
8. The computer is used for
a) writing document b) sending emails c) both a and b
9. You can move things easily with the
a) screen b) mouse c) microphone d) speakers



10. All the following are input units except the

a) mouse b) keyboard c) screen d) camera

11. is used to detect old coins underground

a) magnetometer b) GPS C) GPR d) drone

12. It is preferable to after repairing or reinstalling the mouse to the device.

a- connect the power charger to the device

b- check electrical connections

c- restart the device

13. The component responsible for entering the data for the computer

a-keyboard b-CPU c-printer

14. Screen zoom software is used to help people who suffer from

a- hearing impairment b- visual impairment c- limb loss

15..... is used to copy paper inside the computer

a-Screen b-Scanner c-Speech installer

16..... is a device that allows non-speakers to speak.

a-Scanner b- Printer c- Speech Synthesizer

17..... is a device that helps people with hearing impairment.

a-Speakers b-Printer c- hearing aids

18..... enables you to take the audio clips out of the computer.

a-The mouse b-The speaker c-the screen zooms software



19. When there's a problem opening one of the Apps on your computer, you might need to

a- restart your device b- replace the mouse c- replace the keyboard

20. If you can't find a file in your pc, you should

a- Restart the device b- Press on Del+Alt+Ctrl c- Use the Search Box

21. Press and hold ctrl+Alt+Del buttons when

a- the screen freezes b- you cannot find a file c- an app won't open

22. Screen magnification software enables

a- Showing Information b- Hearing the information c- Printing papers

23. The speaker used to

a- Input Audio b- Output Audio c- Print papers

24. People of determination (of a missing limb) practice their daily life using

a- Prosthetic leg. b- Keyboard c- Camera

25. The Is responsible for processing data

a) printer b) screen c) CPU

26. Information is the processing product of

a) Data b) digital blogs c) Email

27. A program that students use to write is

a) Word b) Power point c) Google chrome d) Paint

28. is the best software used to analyze data

a) MS word b) MS Excel c) MS PowerPoint

29. It is a software which you can use to create presentations

a) Ms word b) PowerPoint c) Windows



30. if the, make sure the keyboard cable is connected or not

a) Mouse not working b) app won't open c) keyboard is not working

Question 2: Put (✓) or (X):

- 1- Input devices in computer work on processing data ()
- 2- The magnetometer is used to discover metals underground ()
- 3- Screen magnification software is an assistive technology ()
- 4- CPU is a type of software ()
- 5- Magnetometer is used to determine places via satellites ()
- 6- The Earth penetrating radar is used to detect underground minerals ()
- 7- Information is the final result we get after processing the data ()
- 8- You can find your own picture on your computer through the search box ()
- 9- Restarting the device helps solve some problems ()
- 10- MS word is a kind of device ()
- 11- Screen helps in processing data ()
- 12- The Earth penetrating radar is used to find objects under the surface of the Earth ()
- 13- The mouse is used to type on the computer. ()
- 14- Windows is the most popular operating system for computers. ()
- 15- Ask the teacher for help, in case you have a problem with your computer at school and you cannot solve it ()
- 16- The taxi driver relies on the GPS device ()
- 17- Braille transforms letters into prominent symbols that can be read by touching ()
- 18- Removing Word program from your device helps solve most problems. ()
- 19- Output devices help in processing data. ()



- 20- GPS is used to find the location of places you might need to visit. ()
- 21- The scanner is used to print images from your computer on paper ()
- 22- Assistive technology is a technology that helps people of determination go about their daily lives ()
- 23- If you can't find a file, you should restart your computer. ()
- 24- You can see what you are doing in your device by looking at the display screen ()
- 25- The operating system is necessary to run the computer ()
- 26- Global positioning system connects to satellites to determine locations ()
- 27- prosthetic leg that enables people to talk and communicate ()
- 28- A computer is a machine processing data into valuable information. It also has the ability to store and retrieve the data ()
- 29- Hearing aids are one of the prosthetic devices for people with hearing disabilities ()
- 30- The screen is an output device ()
- 31- If the keyboard does not work, you must use the search box ()
- 32- The keyboard is used to output data ()
- 33- We use the scanner to transfer text and image from paper to our computer ()

Question 3: Complete

1- (Screen - Medical hearing aid - Ctrl+Alt+Del- ICT tools)

- 1- The displays photos and videos
- 2- help people with abilities who suffer from hearing problems.
- 3- Computer, laptops and tablets are
- 4- responsible for closing computer applications



2- (Word- GPS- Operating system Windows –Hearing aids- Restart the device)

- 1- Tourists depend on to determine the location.
- 2- Is necessary to operate any computer.
- 3- You can write your cv or your research using Program
- 4- In case you can't open an application, you should

3- (Satellites-Rover C4- Global positioning System - Drones - Ground penetrating radar- Magnetometer)

- 1- Is used by archaeologists to find buried objects underground.
- 2- The pictures obtained by archaeologists, some of which may be from and other may be from
- 3- -You receive a message from a friend informing you that he has lost his way, so you try using It is called GPS.
- 4- A device measures the magnetic field and is used to detect minerals in the ground.
- 5- is a 3D ground scanner that search for treasures and metals underground



Question 1: Choose the correct answer.

1. Rover C4 is a scanner
a- 2D **B-3D** C-Audio d-visual
2. is a way that converts letters into prominent symbols that can be read by touching.
a- Ear piece b- Screen c- **Braille**
3. Technology that helps people of determination to carry out their daily tasks easily is called
a) magnetometer b) **assistive technology** c) operating system
4. Alternative communication software helps people with disabilities
a) **Speech** b) Movement c) Seeing d) Hearing
5. is considered from the hardware components of a computer
a) PowerPoint b) Browser c) **CPU** d) Microsoft word
6. word processing program like Microsoft work is a type of
a) information b) hardware c) **software** d) games
7. The allows us to output the text and images on paper.
a) **printer** b) scanner c) speaker d) screen
8. The computer is used for
a) writing document b) sending emails c) **both a and b**
9. You can move things easily with the
a) screen **b) mouse** c) microphone d) speakers



10. All the following are input units except the

- a) mouse b) keyboard c) screen d) camera

11. is used to detect old coins underground.

- a) magnetometer b) GPS C) GPR d) drone

12. It is preferable to after repairing or reinstalling the mouse to the device.

a- connect the power charger to the device.

b- check electrical connections.

c- restart the device.

13. The component responsible for entering the data for the computer

- a- keyboard b- CPU c- printer

14. Screen zoom software is used to help people who suffer from

- a- hearing impairment b- visual impairment c- limb loss

15. is used to copy paper inside the computer.

- a- Screen b- Scanner c- Speech installer

16. is a device that allows non-speakers to speak.

- a- Scanner b- Printer c- Speech Synthesizer

17. is a device that helps people with hearing impairment.

- a- Speakers b- Printer c- hearing aids

18. enables you to take the audio clips out of the computer.

- a- The mouse b- The speaker c- the screen zooms software



19. When there's a problem opening one of the Apps on your computer, you might need to

a- restart your device b- replace the mouse c- replace the keyboard.

20. If you can't find a file in your PC, you should

a- Restart the device b- Press on Del+Alt+Ctrl **C- Use the Search Box**

21. Press and hold ctrl+Alt+Del buttons when

a- the screen freezes b- you cannot find a file c- an app won't open.

22. Screen magnification software enables

a- Showing Information b- Hearing the information c- Printing papers.

23. The speaker used to

a- Input Audio **b- Output Audio** c- Print papers

24. People of determination (of a missing limb) practice their daily life using

a- Prosthetic leg. b- Keyboard c- Camera

25. The Is responsible for processing data.

a) printer b) screen **c) CPU**

26. Information is the processing product of

a) Data b) digital blogs c) Email

27. A program that students use to write is

a) **Word** b) Power point c) Google chrome d) Paint

28. is the best software used to analyze data

a) MS word **b) MS Excel** c) MS PowerPoint

29. It is software which you can use to create presentations

a) Ms word **b) PowerPoint** c) Windows



30. if the, make sure the keyboard cable is connected or not

- a) Mouse not working b) app won't open c) keyboard is not working.

Question 2: Put (✓) or (X):

- 1- Input devices in computer work on processing data (F)
- 2- The magnetometer is used to discover metals underground (T)
- 3- Screen magnification software is an assistive technology (T)
- 4- CPU is a type of software (F)
- 5- Magnetometer is used to determine places via satellites (F)
- 6- The Earth penetrating radar is used to detect underground minerals (F)
- 7- Information is the final result we get after processing the data (T)
- 8- You can find your own picture on your computer through the search box (T)
- 9- Restarting the device helps solve some problems (T)
- 10- MS word is a kind of device (F)
- 11- Screen helps in processing data (F)
- 12- The Earth penetrating radar is used to find objects under the surface of the Earth (T)
- 13- The mouse is used to type on the computer. (F)
- 14- Windows is the most popular operating system for computers. (T)
- 15- Ask the teacher for help, in case you have a problem with your computer at school, and you cannot solve it (T)
- 16- The taxi driver relies on the GPS device (T)
- 17- Braille transforms letters into prominent symbols that can be read by touching (T)
- 18- Removing Word program from your device helps solve most problems. (F)
- 19- Output devices help in processing data. (F)
- 20- GPS is used to find the location of places you might.



- need to visit. (T)
- 21- The scanner is used to print images from your computer on paper (F)
 - 22- Assistive technology is a technology that helps people of determination go about their daily lives (T)
 - 23- If you can't find a file, you should restart your computer. (F)
 - 24- You can see what you are doing in your device by looking at the display screen (T)
 - 25- The operating system is necessary to run the computer (T)
 - 26- Global positioning system connects to satellites to determine locations (T)
 - 27- prosthetic leg that enables people to talk and communicate (F)
 - 28- A computer used in processing data into valuable information. It also has the ability to store and retrieve the data (T)
 - 29- Hearing aids are one of the devices for people with hearing disabilities (T)
 - 30- The screen is an output device (T)
 - 31- If the keyboard does not work, you must use the search box (F)
 - 32- The keyboard is used to output data (F)
 - 33- We use the scanner to transfer text and image from paper to our computer (T)

Question 3: Complete

1- (Screen - hearing aids - Ctrl+Alt+Del- ICT tools)

- 1- The**Screen**..... displays photos and videos.
- 2-**hearing aids**..... help people with abilities who suffer from hearing problems.
- 3- Computer, laptops and tablets are**ICT Tools**.....
- 4- **Ctrl+Alt+Del**..... responsible for closing computer applications



2- (Word- GPS- Operating system Windows –Hearing aids- Restart the device)

- 1- Tourists depend on ... **GPS**..... to determine the location.
- 2- ... **Operating system Windows**..... Is necessary to operate any computer.
- 3- You can write your cv or your research using ... **Word** Program
- 4- In case you can't open an application, you should ... **Restart the device**.....

3- (Satellites-Rover C4- Global positioning System - Drones - Ground penetrating radar- Magnetometer)

- 1- **Ground penetrating radar**..... Is used by archaeologists to find buried objects underground.
- 2- The pictures obtained by archaeologists, some of which may be from **Satellites**..... and other may be from ... **Drones**
- 3- -You receive a message from a friend informing you that he has lost his way, so you try using **Global positioning System**..... It is called GPS.
- 4- **Magnetometer**..... A device measures the magnetic field and is used to detect minerals in the ground.
- 5- ... **Rover C4**..... Is 3D ground scanner that search for treasures and metals underground



كيفية طباعة صفحات معينة من ملف معين مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9

